

- (iv) Previous claim 73 has been renumbered as claim 72.
- (v) Previous claim 74 has been cancelled.
- (vi) Previous claim 75 has been renumbered as claim 73.
- (vii) Previous claim 76 has been cancelled.
- (viii) Previous claim 77 has been renumbered as claim 74.
- (ix) Instant claim 75 has been added. Instant claim 75 corresponds to previous claim 75, except that water has been removed as a necessary ingredient of the composition and that the claim now features that the three dimensional article is formed at a room relative humidity of above 50%. Support for the relative humidity can be found on, *e.g.*, page 2, lines 13-14, and page 8, line 63 of the specification.
- (x) Instant claim 76 has been added. Support for instant claim 76 can be found on, *e.g.*, page 2, line 30, of the specification.
- (xi) Instant claim 77 has been added. Support for instant claim 77 can be found on, *e.g.*, page 2, line 30, in combination with page 8, line 42 of the specification.

Consequently, no new matter has been introduced with the above amendments. Reconsideration of the outstanding rejections is respectfully requested in view of the above amendments and the following remarks.

Re: Paragraph 2 of the outstanding Office Action

Applicants will submit the original patent, or a statement as to loss or inaccessibility of the original patent, upon the indication by the Examiner that all rejections under 35 U.S.C. §102, §103, and §112 have been overcome.

Re: Paragraphs 5-8 of the outstanding Office Action

Claims 71-74 and 77 stand rejected under 35 U.S.C. §102(b) as being anticipated by Tsao *et al.* (U.S. 4,156,035) in view of Cibatool® data sheets. Claims 71-74 and 77 stand rejected under 35 U.S.C. §102(b) as being anticipated by Land (U.S. 4,694,029) as evidenced by RN 25085-98-7 and Cibatool® data sheets. Claims 71-77 stand rejected under 35 U.S.C. §102(e) as being anticipated by Steinmann *et al.* (U.S. 5,476,748) as evidenced by Cibatool® data sheets. Claims 71-77 stand rejected under 35 U.S.C. §102(b) as evidenced by Steinmann *et al.* (CA 2,111,718) in view of Cibatool® data sheets. Claims 71-77 stand rejected under 35 U.S.C. §102(b) as being anticipated by Ohkawa *et al.* (EP 0 360 869) in view of

Cibatool® data sheets. Applicants respectfully traverse these rejections for at least the following reasons.

The present invention, as it is set forth in instant claims 71-74, relates to a photohardenable composition comprising, *inter alia*, about 0.75 wt% to 3 wt% of water.

The Examiner appears to acknowledge that Tsao *et al.*, Land, RN 25085-98-7, Steinmann *et al.* (2x), and Ohkawa *et al.* do not discuss water being present in their compositions, but contends that the Cibatool® data sheets indicate that the compositions would inherently comprise "very small percentages of water" due to "absorption of water from a humid atmosphere". See, generally and specifically, paragraphs 5-8 of the outstanding Office Action.

Applicants note that the Cibatool® data sheets indicate that compositions should be stored and shipped at relative humidities below 15%. See page 5 of the Cibatool® data sheets. Page 1 of the Cibatool® data sheets shows an equilibrium water concentration of the exemplified compositions at 15% relative humidity of only 0.3-0.5%, which is well below the presently claimed lower range of about 0.75%. Consequently, Applicants respectfully submit that the Cibatool® data sheets do not indicate that the compositions in the references used against the present invention have a water content in the range of about 0.75% to 3%.

Regarding instant claims 75-77, these claims relate to a method of forming of a three-dimensional object by photohardening layers of a specific composition with actinic radiation at a relative humidity of above 50%. Applicants respectfully submit that the cited references do not teach or suggest such a method. Indeed, Applicants note that the Cibatool® data sheets evidence the industry's aversion of relative humidities above 50%. See page 4 of the Cibatool® data sheets; See also page 7, lines 18-23, of the specification.

Consequently, it is respectfully submitted that instant claims 71-77 are patentable over Tsao *et al.*, Land, RN 25085-98-7, Steinmann *et al.* (2x), Ohkawa *et al.*, and the Cibatool® data sheets, either alone or in combination.

Re: Paragraph 11 of the outstanding Office Action

Regarding the Examiner's concerns in view of 35 U.S.C. §112, it is respectfully submitted that the amendment to claim 3 has properly addressed these concerns.

Re: Paragraph 15 of the outstanding Office Action

Applicants intend to submit a Supplemental Declaration for Reissue with inventor Casper's zip code upon the indication by the Examiner that all 35 U.S.C. §102, §103, and §112 rejections have been overcome.

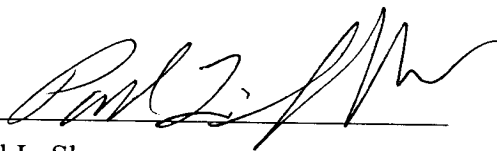
Re: Paragraph 16 of the outstanding Office Action

Claims 1-77 stand rejected as being based upon a defective reissue Declaration under 35 U.S.C. §251. Applicants intend to submit a Supplemental Declaration for Reissue upon the indication by the Examiner that all 35 U.S.C. §102, §103, and §112 rejections have been overcome.

CONCLUSION

It is respectfully submitted that all rejections have been addressed and that all 35 U.S.C. §102, §103, and §112 rejections have been overcome. If, after reviewing the above, the Examiner believes any issues remain unresolved, the Examiner is encouraged to contact the undersigned by telephone to expedite the prosecution of this application.

Respectfully submitted,
PILLSBURY WINTHROP, LLP

By 

Paul L. Sharer
Reg. No. 36,004
Tel. No.: (703) 905-2180
Fax No.: (703) 905-2500

PLS/wdw
1600 Tysons Boulevard.
McLean, VA 22102
(703) 905-2000